

IN THE CLAIMS

Please amend the claims as shown below:

1-18 (Cancelled)

- 19) (New) A method for encoding digital data comprising:
- accessing a digital video image;
 - dividing said digital video image into a plurality of regions;
 - numbering said plurality of regions wherein each of said plurality of regions is assigned a unique consecutive number;
 - selecting a first region based on said unique consecutive number wherein each of said plurality of regions is selected in the order of said consecutive number;
 - encoding all except said first region of said plurality of regions into encoded regions using interframe compression; and
 - transmitting said encoded regions and said first region as a video frame.
- 20) (New) The method as recited in Claim 19 further comprising:
- numbering said plurality of regions based on a compression sequence.
- 21) (New) The method as recited in Claim 19 further comprising:

dividing said digital video image into non-overlapping rectangular groups of pixels.

22) (New) The method as recited in Claim 19 further comprising:

dividing said digital video image into strips of pixels.

23) (New) The method as recited in Claim 19 further comprising:

dividing said digital video image into a plurality of non-contiguous pixel groups.

24) (New) The method as recited in Claim 19 further comprising:

encoding each of said plurality of regions wherein one of said plurality of regions is encoded using interframe compression each time a frame of said digital video image is transmitted.

25) (New) The method as recited in Claim 19 further comprising:

selecting a second region based on said unique consecutive number;
encoding all except said second region of said plurality of regions into encoded regions using interframe compression; and
transmitting said encoded regions and said second region as a video frame.

26) (New) The method as recited in Claim 19 further comprising:

selecting said first region based on a first unique consecutive number and a second number associated with a transmission.

27) (New) An interframe transmission module comprising:

an input for receiving a digital video image;

a divider for dividing said digital video image into a plurality of regions and assigning consecutive numbers to each of said plurality of regions;

a selector for selecting a first region based on said unique consecutive number wherein each of said plurality of regions is selected in the order of said consecutive number;

an encoder for encoding said plurality of regions, except said first region, into encoded regions using interframe compression; and

an output for transmitting said encoded regions and said first region.

28) (New) The interframe transmission module as recited in Claim 27 wherein said divider numbers said plurality of regions based on a sequence of compression.

29) (New) The interframe transmission module as recited in Claim 27 wherein said divider divides said digital video image into non-overlapping rectangular groups of pixels.

30) (New) The interframe transmission module as recited in Claim 27 wherein said divider divides said digital video image into strips of pixels.

31) (New) The interframe transmission module as recited in Claim 27 wherein said divider divides said digital video image into a plurality of non-contiguous pixel groups.

32) (New) The interframe transmission module as recited in Claim 27 wherein said encoder encodes each of said plurality of regions wherein one of said plurality of regions is encoded using interframe compression each time a frame of said digital video image is transmitted.

33) (New) The interframe transmission module as recited in Claim 27 wherein said selector selects a second region based on said unique consecutive number, said encoder encodes all except said second region of said plurality of regions into encoded regions using interframe compression and said output transmits said encoded regions and said second region as a video frame.

34) (New) A computer readable medium comprising instructions that when executed implement a method for compressing digital video comprising:

accessing a digital video image;

dividing said digital video image into a plurality of regions;

numbering said plurality of regions wherein each of said plurality of regions is assigned a unique consecutive number;

selecting a first region based on said unique consecutive number wherein each of said plurality of regions is selected in the order of said consecutive number;

encoding all except said first region of said plurality of regions into encoded regions using interframe compression; and

transmitting said encoded regions and said first region as a video frame.

35) (New) The computer readable medium as recited in Claim 34 further comprising instructions for:

numbering said plurality of regions based on a compression sequence.

36) (New) The computer readable medium as recited in Claim 34 further comprising instructions for:

dividing said digital video image into non-overlapping rectangular groups of pixels.

37) (New) The computer readable medium as recited in Claim 34 further comprising instructions for:

dividing said digital video image into strips of pixels.

38) (New) The computer readable medium as recited in Claim 34 further comprising instructions for:

dividing said digital video image into a plurality of non-contiguous pixel groups.

39) (New) The computer readable medium as recited in Claim 34 further comprising instructions for:

encoding each of said plurality of regions wherein one of said plurality of regions is encoded using interframe compression each time a frame of said digital video image is transmitted.

40) (New) The computer readable medium as recited in Claim 34 further comprising instructions for:

selecting a second region based on said unique consecutive number;
encoding all except said second region of said plurality of regions into encoded regions using interframe compression; and
transmitting said encoded regions and said second region as a video frame.

41) (New) The computer readable medium as recited in Claim 34 further comprising instructions for:

selecting said first region based on a first unique consecutive number and a second number associated with a transmission.
